

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14000

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A43B5/04 A43B3/24 A43B13/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A43B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CH 679 108 A (BERNHARD GEORG WEBER PROF DR M) 31 December 1991 (1991-12-31) column 3, line 13 - line 18; figures 5,31 column 6, line 16 - line 23 -----	1,2,5,8, 15,17
X	US 5 572 806 A (OSAWA KAZUO) 12 November 1996 (1996-11-12) figures 1,2,5 -----	1,2
A		3,4
X	EP 0 664 969 A (TYROLIA FREIZEITGERAETE) 2 August 1995 (1995-08-02) column 6, line 21 - column 7, line 10; figures 1,3 -----	1,2
A		19
A	US 4 351 120 A (DALEBOUT MELVIN W) 28 September 1982 (1982-09-28) figures 3-5 -----	5
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

5 August 2004

Date of mailing of the international search report

12/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 87 15 508 U (TMC CORP.) 14 January 1988 (1988-01-14) page 4, paragraph 1; figure 3 page 5, paragraph 1; figure 6 -----	8-12
A	US 3 740 873 A (STURANY H) 26 June 1973 (1973-06-26) figures 1,1a -----	3,4
A	EP 0 642 748 A (DAL BELLO SPORT SRL) 15 March 1995 (1995-03-15) figure 2c -----	17,18,22

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/14000

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
CH 679108	A	31-12-1991	CH 679108 A5	31-12-1991
			AT 40271 T	15-02-1989
			DE 3567795 D1	02-03-1989
			EP 0167765 A1	15-01-1986
US 5572806	A	12-11-1996	JP 8154702 A	18-06-1996
EP 0664969	A	02-08-1995	AT 401710 B	25-11-1996
			AT 14194 A	15-04-1996
			EP 0664969 A2	02-08-1995
US 4351120	A	28-09-1982	US 4301564 A	24-11-1981
DE 8715508	U	14-01-1988	DE 8715508 U1	14-01-1988
US 3740873	A	26-06-1973	AT 319812 B	10-01-1975
			CH 549355 A	31-05-1974
			DE 2227967 A1	21-12-1972
			FR 2142351 A5	26-01-1973
			IT 956257 B	10-10-1973
EP 0642748	A	15-03-1995	IT 1262196 B	19-06-1996
			AT 150941 T	15-04-1997
			DE 69402386 D1	07-05-1997
			DE 69402386 T2	02-10-1997
			EP 0642748 A1	15-03-1995